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Fig.1.

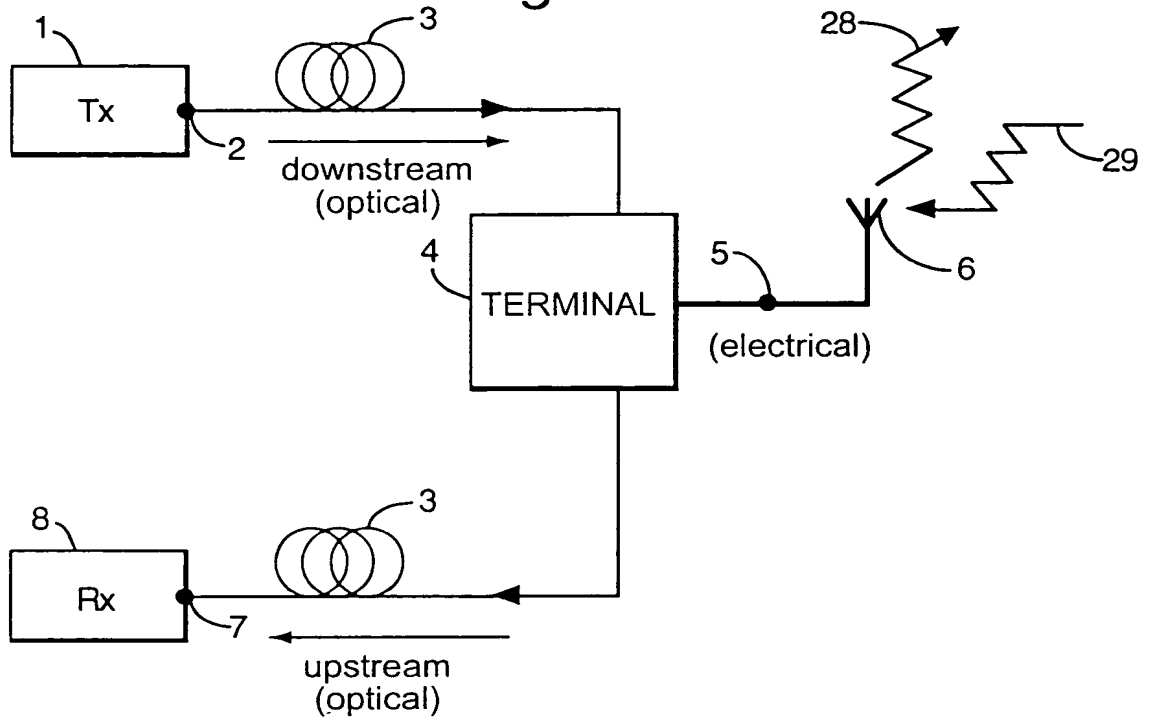


Fig.2.

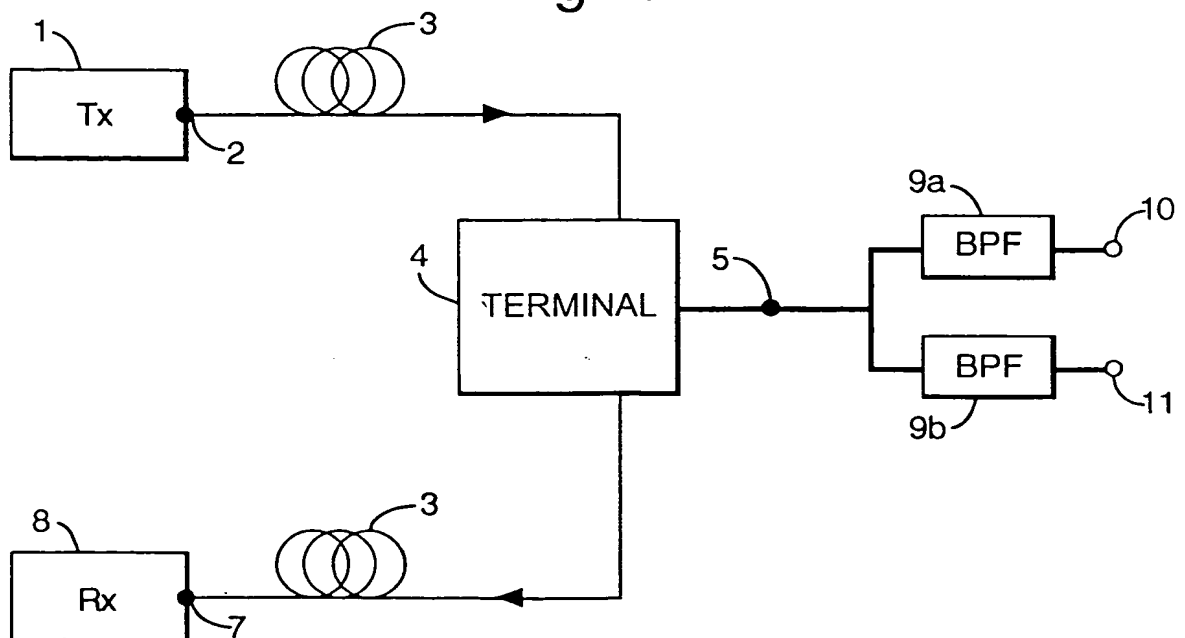


Fig.3a.

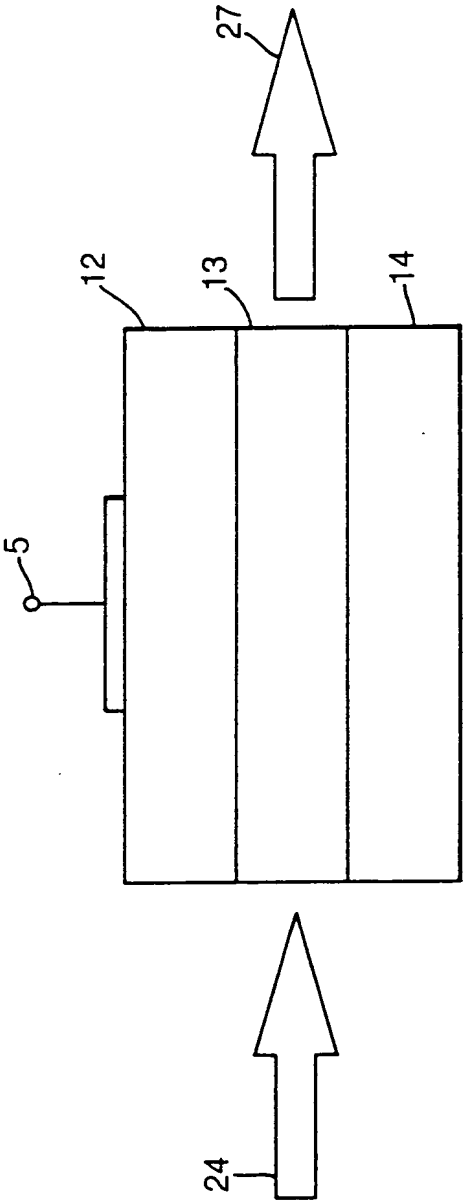


Fig.3b.

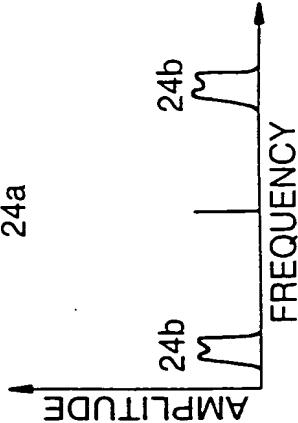


Fig.3c.

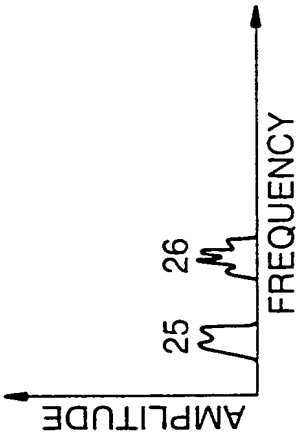


Fig.3d.

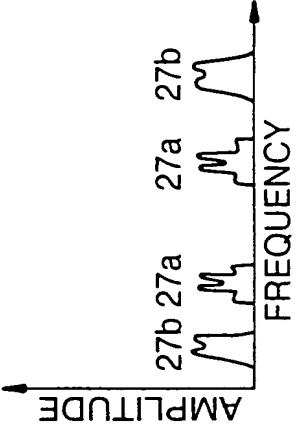
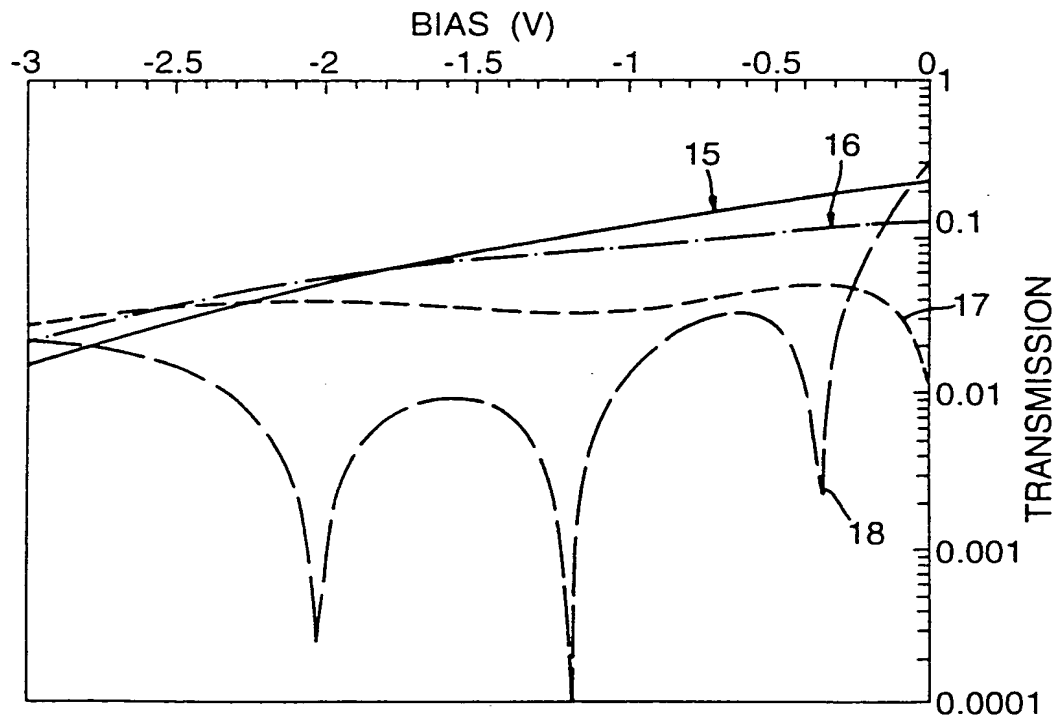


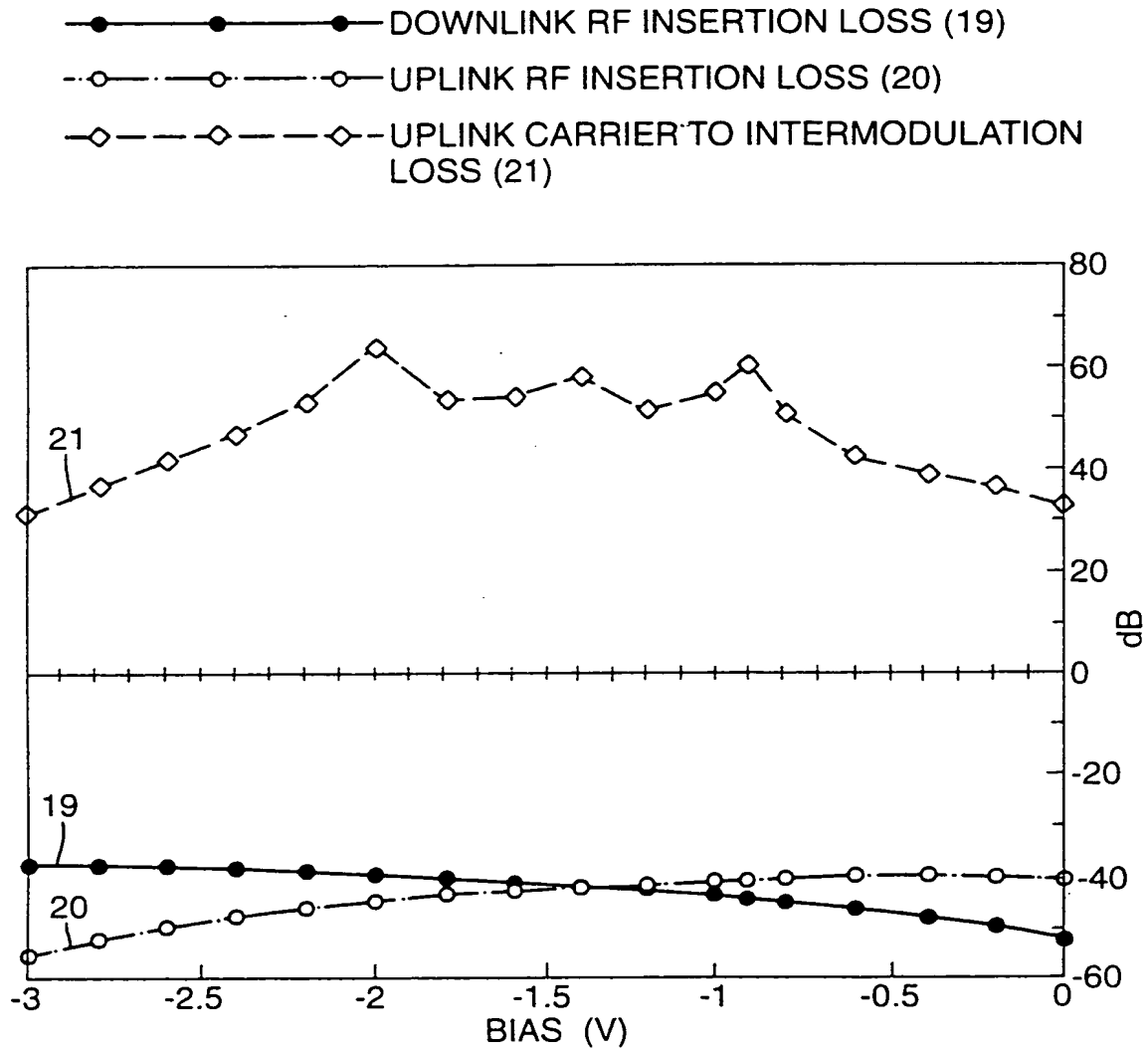
Fig.4.

- MODULATOR FIBRE TO FIBRE TRANSMISSION CHARACTERISTIC (15)
- · - · - FIRST DERIVATIVE OF FIBRE TO FIBRE TRANSMISSION CHARACTERISTIC (16)
- - - - SECOND DERIVATIVE OF FIBRE TO FIBRE TRANSMISSION CHARACTERISTIC (17)
- - - - THIRD DERIVATIVE OF FIBRE TO FIBRE TRANSMISSION CHARACTERISTIC (18)



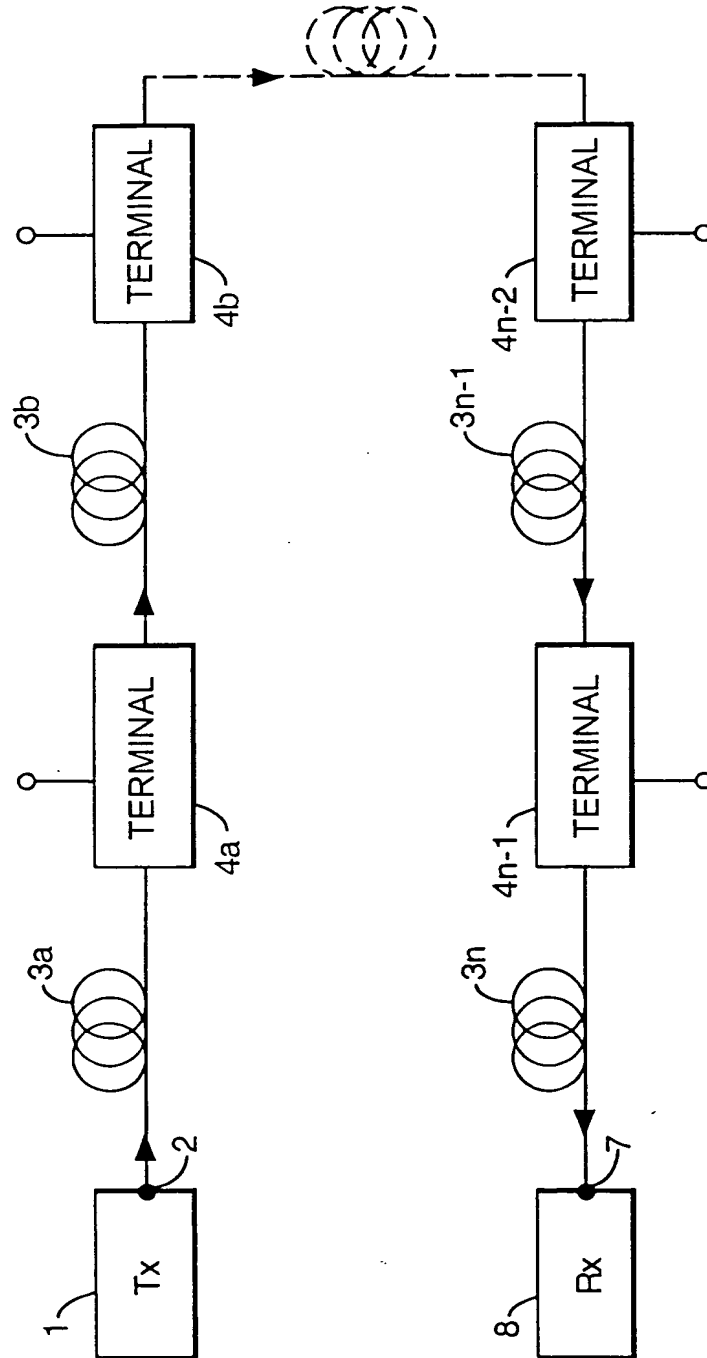
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Fig.5.



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Fig.6.



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Fig.7.

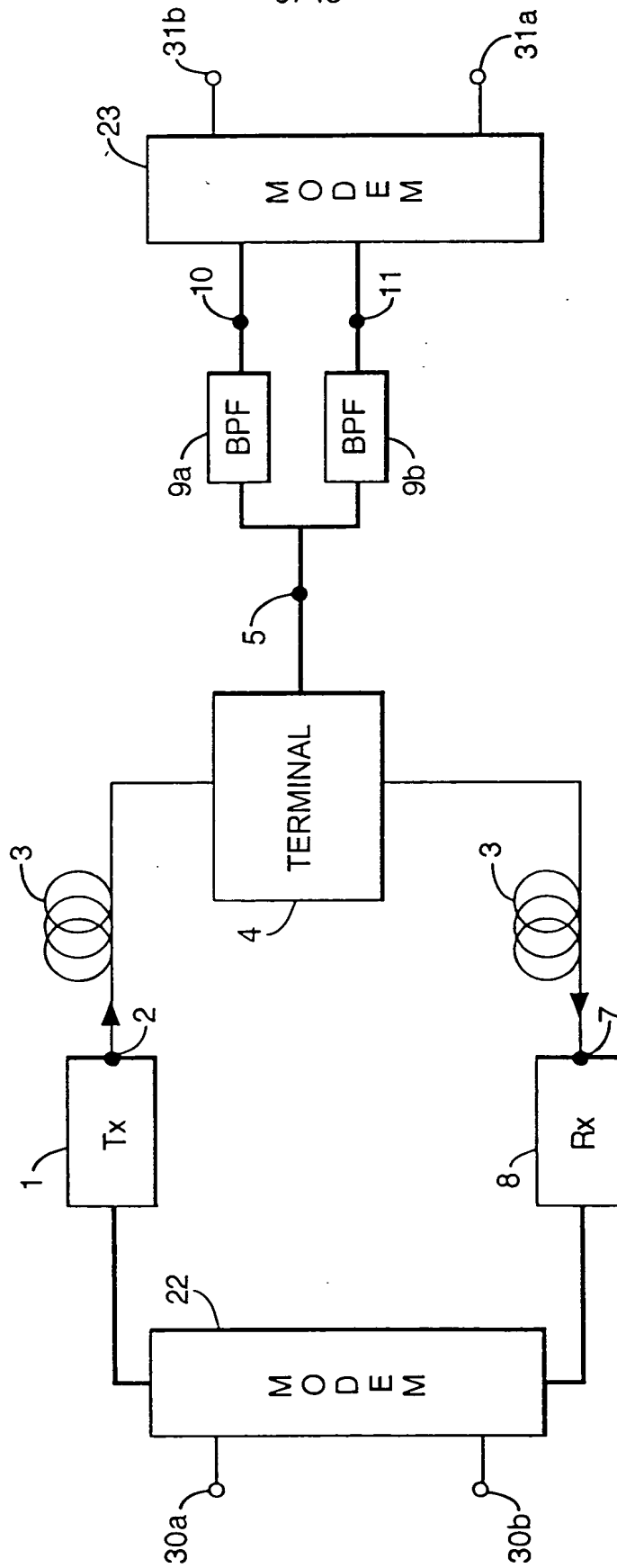


Fig.8.

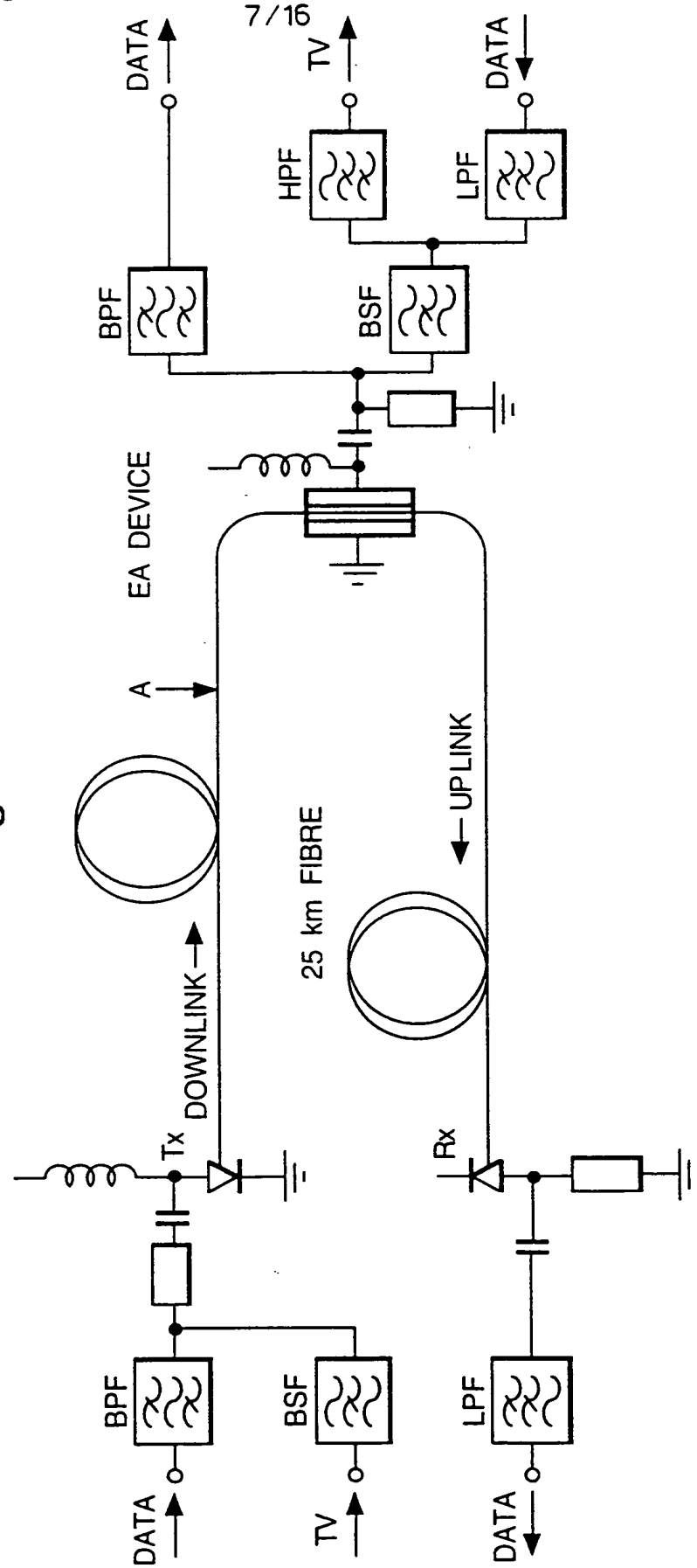
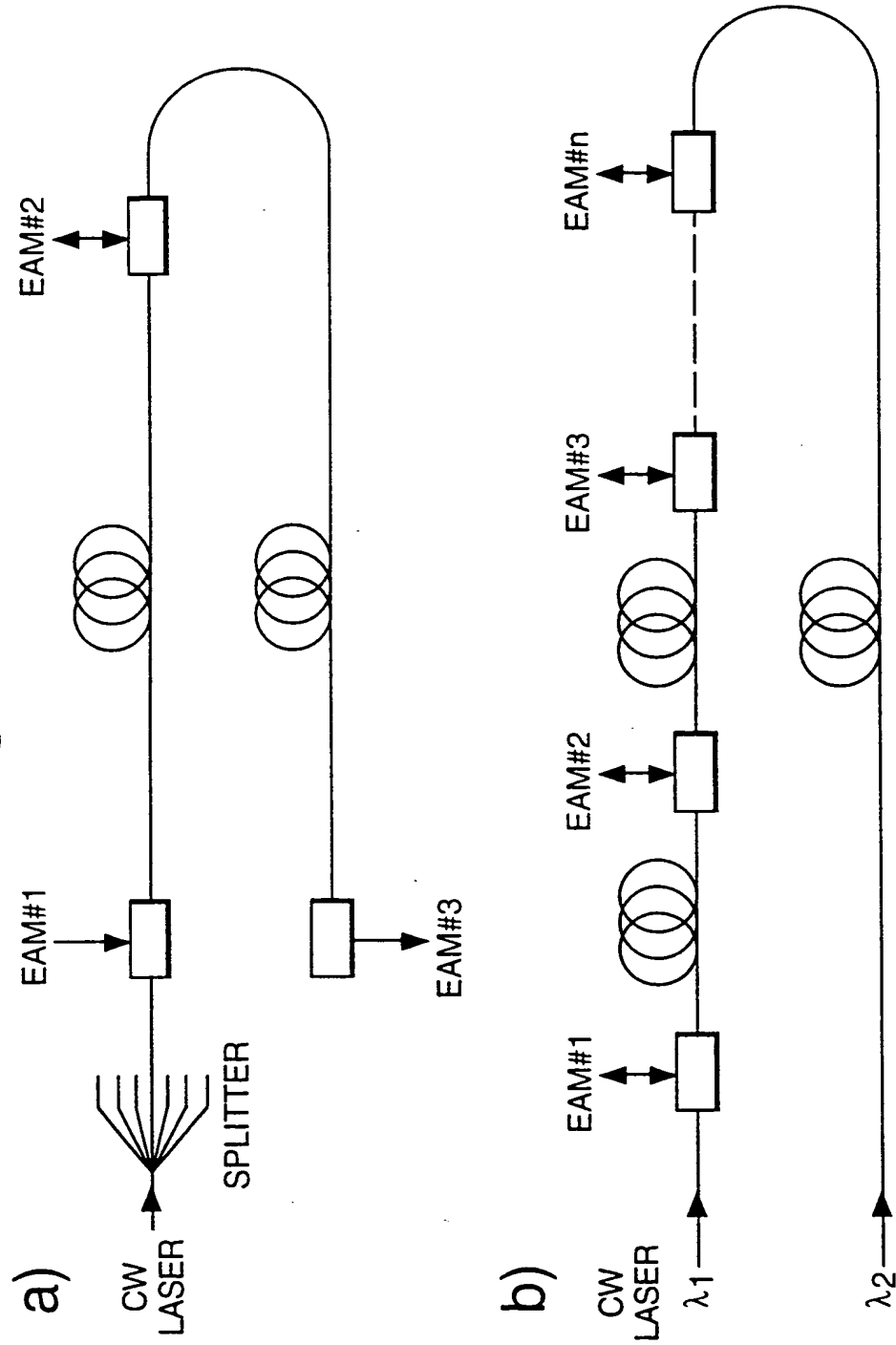


Fig.9.



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Fig.10.

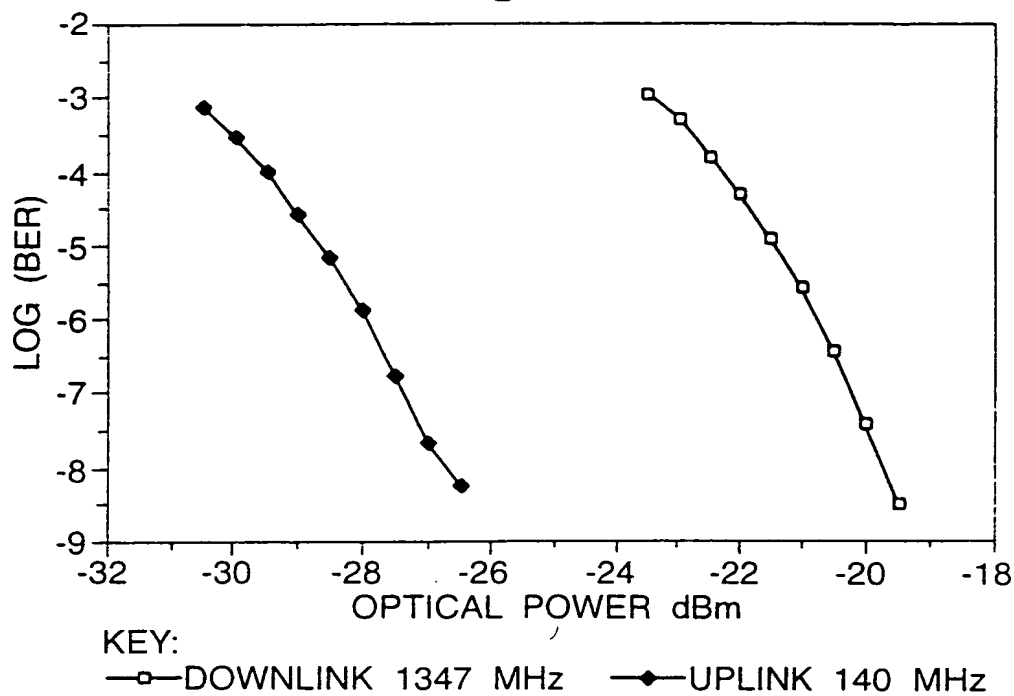
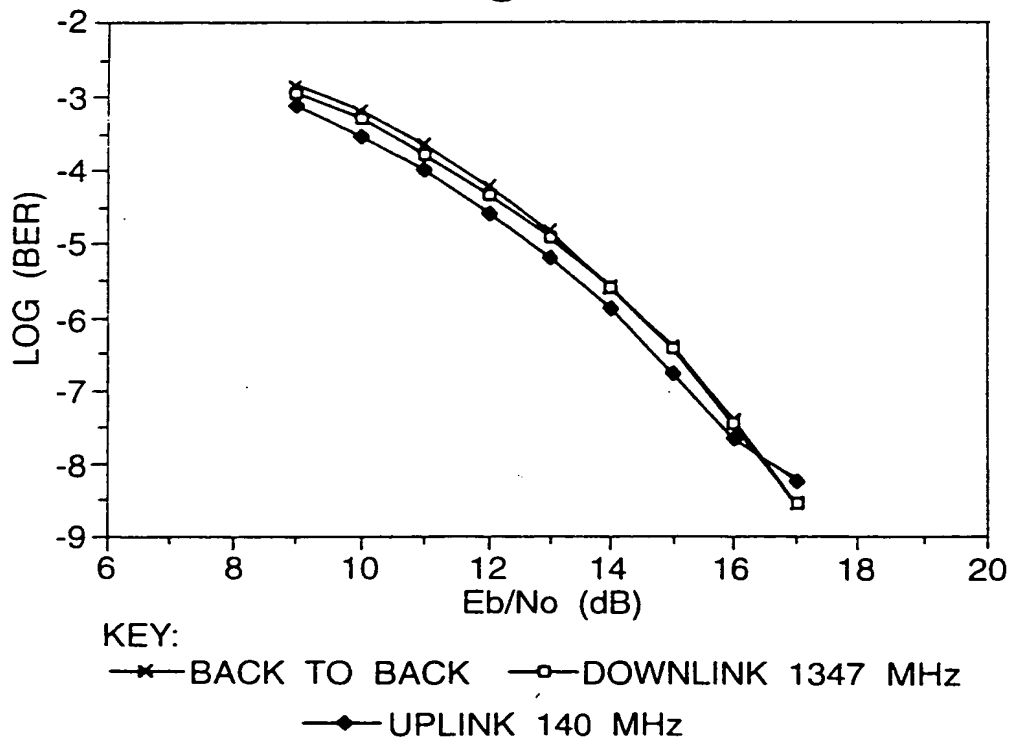
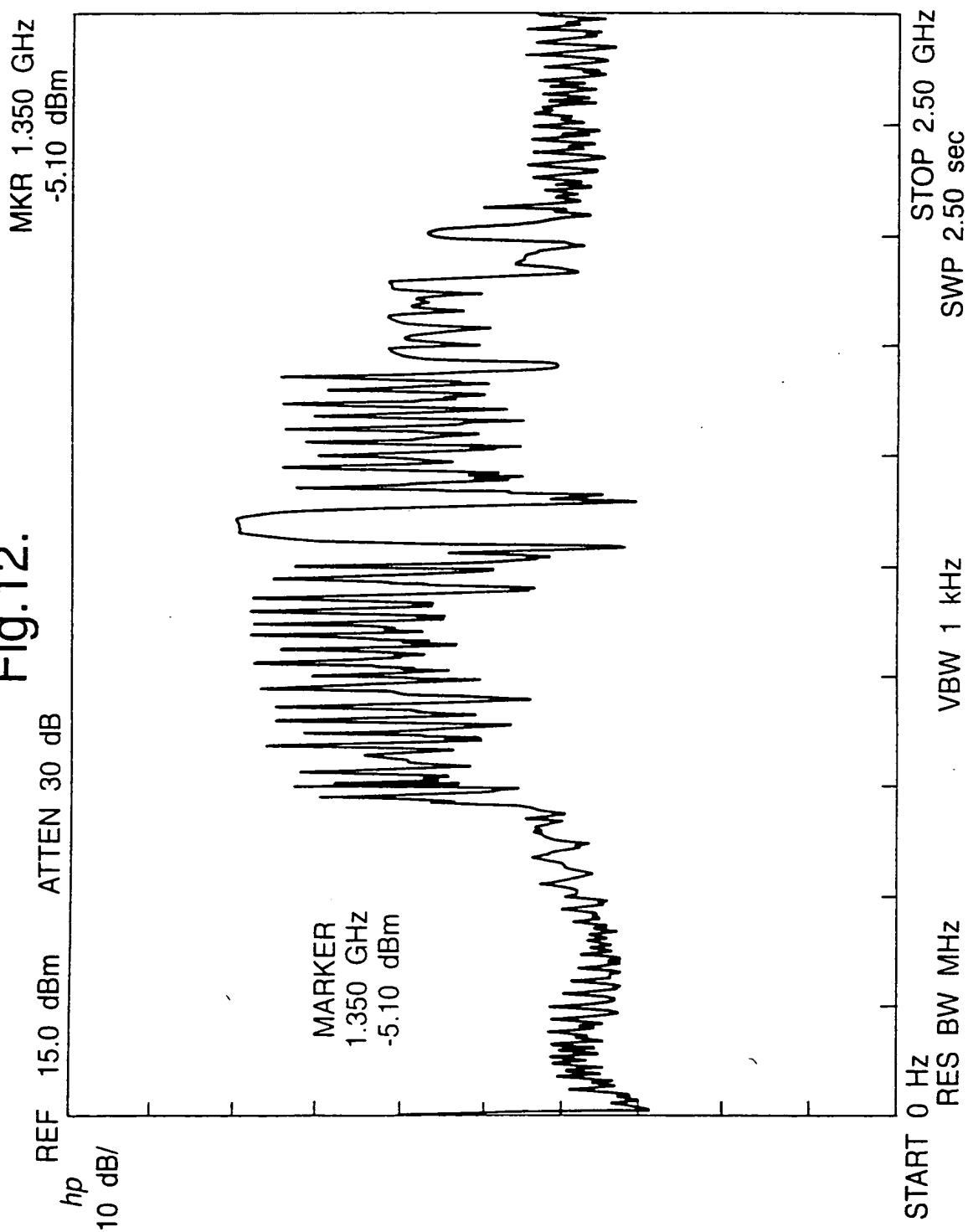


Fig.11.



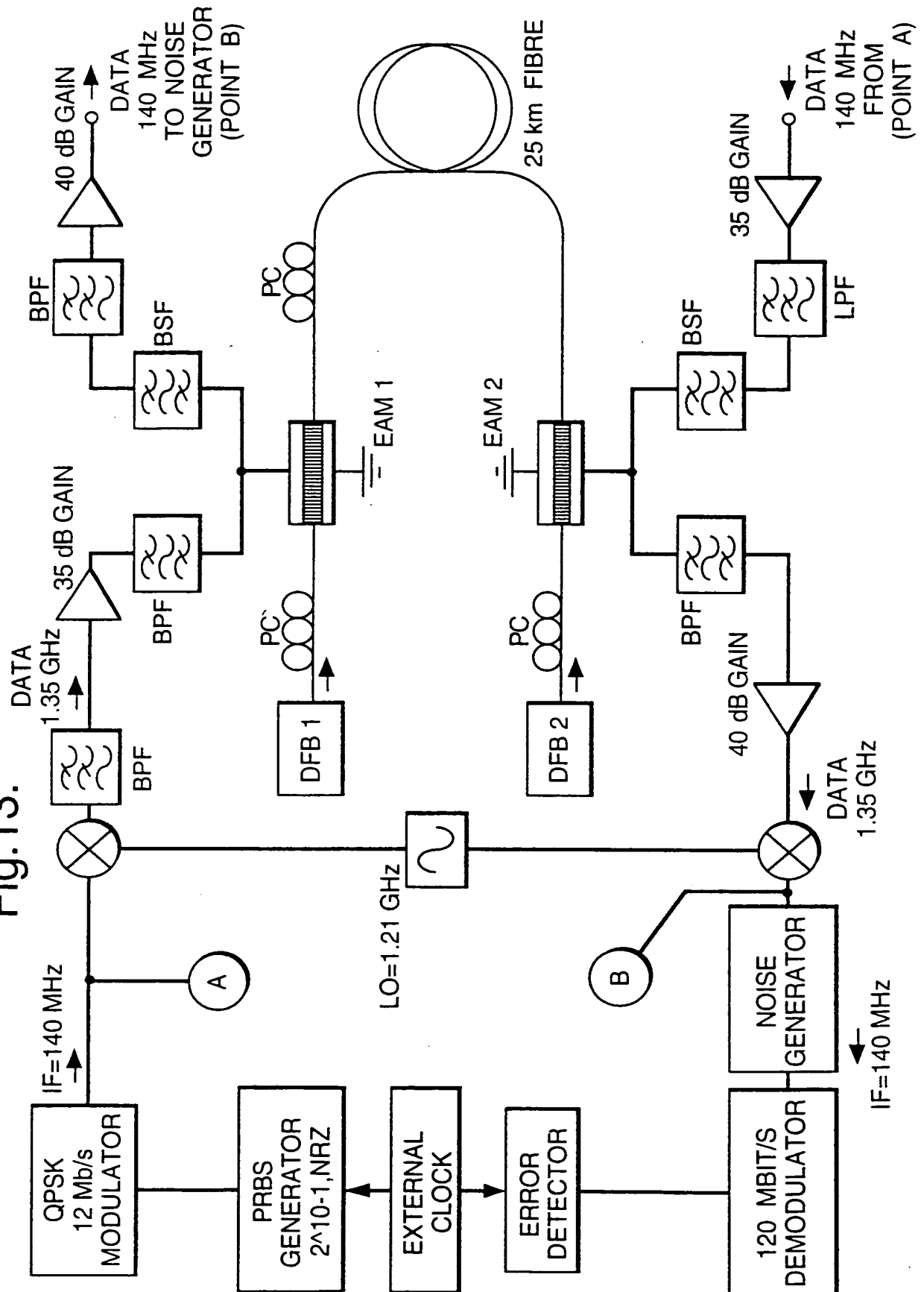
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Fig.12.



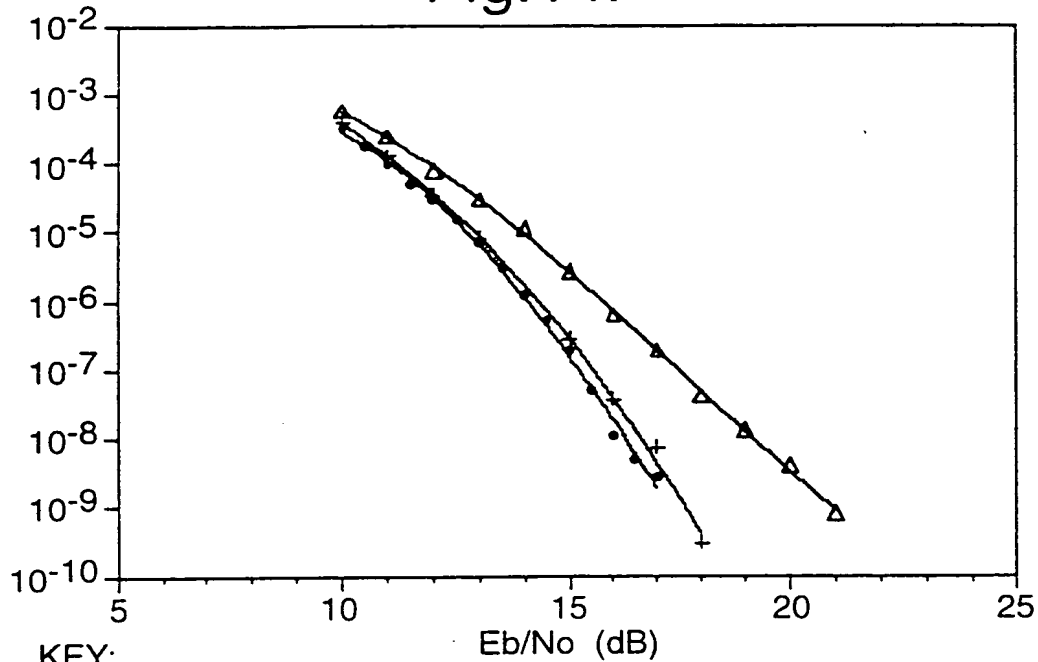
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Fig.13.



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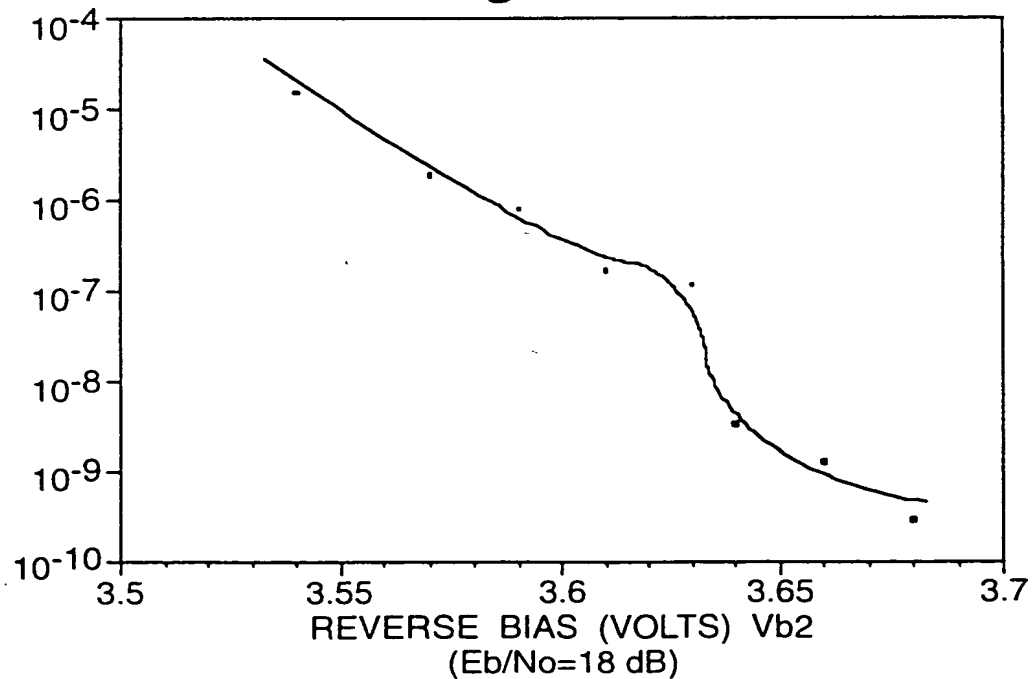
Fig.14.

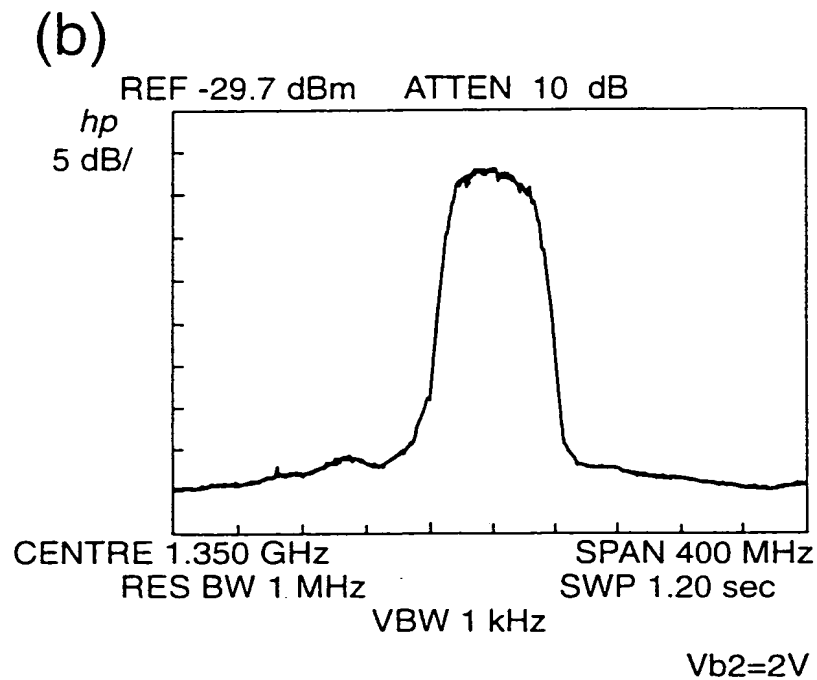
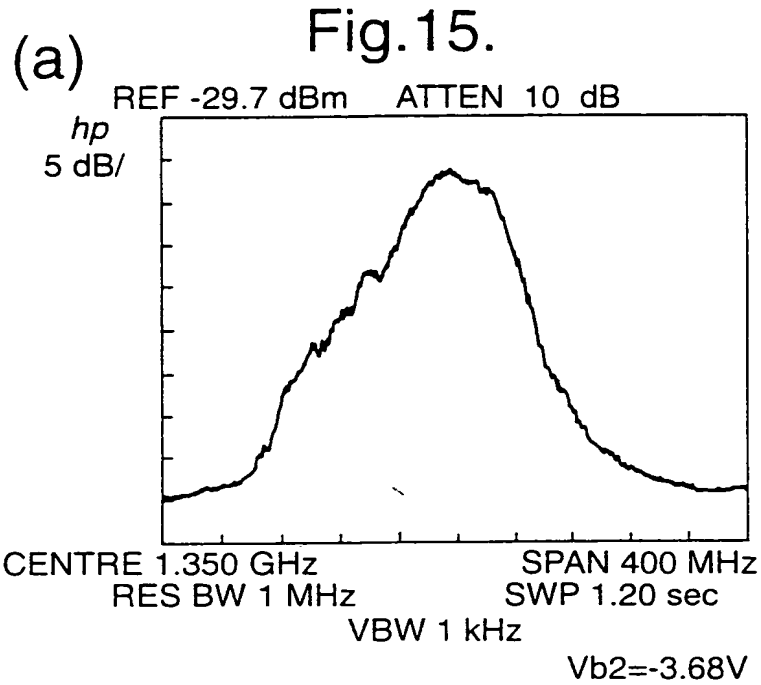


KEY:

- BACK TO BACK MEASUREMENTS
- + CHANNEL 1 TRANSMISSION OVER 25 Km OF FIBRE FROM EAM 1 TO EAM 2
- Δ CHANNEL 1 TRANSMISSION FROM DFB1 THROUGH EAM 1, OVER 25 Km OF FIBRE AND DETECTED AT EAM 2

Fig.16.





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Fig.17.

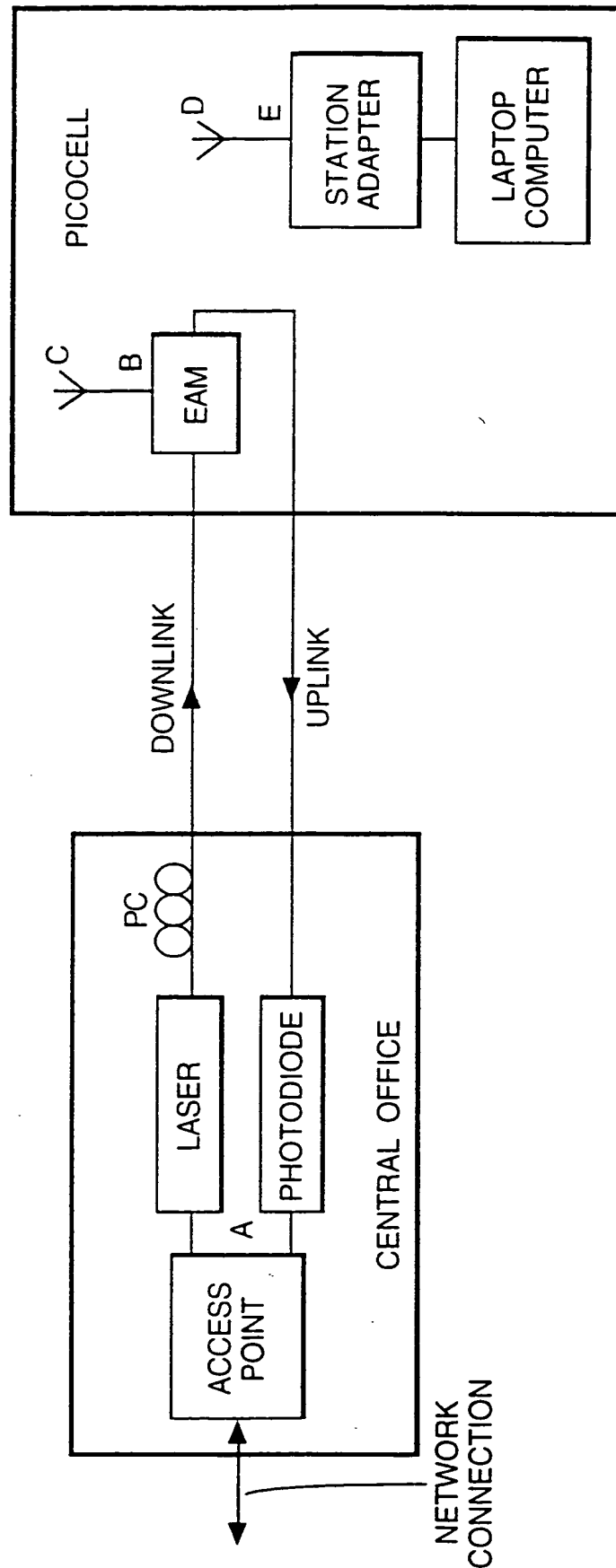
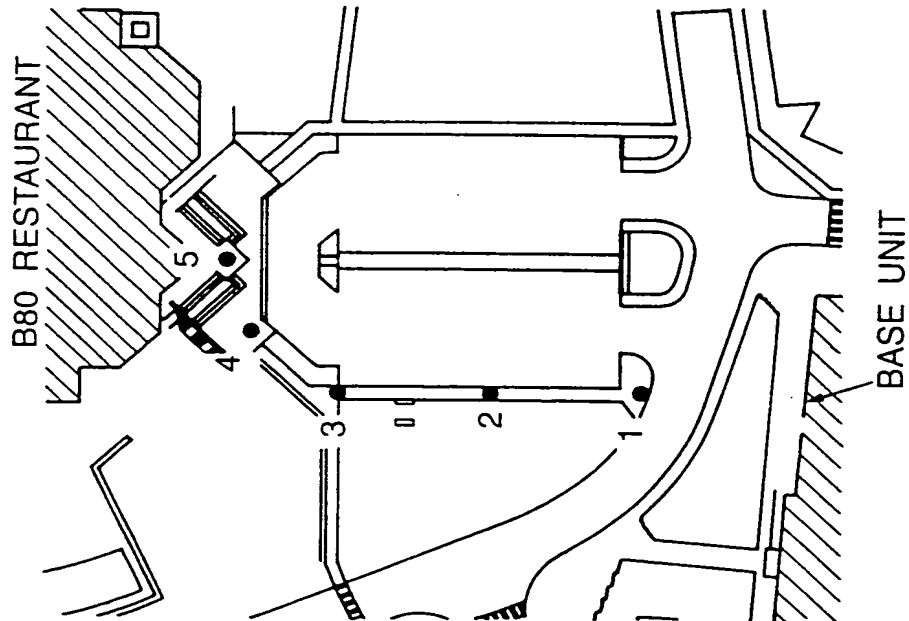


Fig.18.



POSITION	DISTANCE, m	POWER, dBm
BASE UNIT	0	-5
1	25	-72
2	40	-75
3	60	-77
4	70	-77
5	75	-78
RECEIVER SENSITIVITY=-84dBm		

Fig.19.

